AUGUST 1984

Pension World

The Magazine for Plan Sponsors and Investment Managers/ A Publication of Communication Channels, Inc.

MHIC's Vic Melone Readies His Firepower

Special Section: State Retirement Update

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August 1984
Volume 20 Number 8

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Cover: **Six members of the management team at Manufacturers Hanover Investment Corporation gather for our cover. They are: seated, Victor J. Melone; standing, left to right, Lawrence S. Harris, Hilton M. Jervey, William C. Petty III, Ralph J. Mills, Jr., and Kristen Gamble. A profile of their organization begins on p. 24.**

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Name and address of fund	Contact person and phone	Total assets ($ millions)	Common and preferred stock ($ millions)	U.S. gov't securities and agencies ($ millions)	Corporate bonds ($ millions)
The Retirement Systems of Alabama 135 South Union Street Montgomery, AL 36130	David G. Bronner Secretary-Treasurer 205/832-4140	3,811 (bk.)	174 (bk.)	3 (bk.)	1,335 (bk.)
State of Alaska, Public Employees Retirement Systems Pouch SB Juneau, AK 99811	Brian Andrews Comptroller 907/465-2350	959	89	468	31
State of Alaska, Teachers Retirement System Pouch SB Juneau, AK 99811	Brian Andrews Comptroller 907/465-2350	652	79	281	26
Public Safety Personnel Retirement System 3033 N. Central Ave. Suite 411 Phoenix, AZ 85012	Lowell Sutton Administrator 602/274-3003	601.7 (bk.)	252.3 (bk.)	138.9 (bk.)	185.9 (bk.)
Arizona State Retirement System P.O. Box 33910 Phoenix, AZ 85067	Max Sullivan Director 602/255-5131	2,801.4	1,269.4	614.9	540.3
Arkansas Public Employees Retirement System One State Capitol Mall Little Rock, AR 72201	Fred E. Henne Executive Director 501/371-3679	649 (bk.)	170	227	176
Arkansas State Police Retirement System One State Capitol Mall Little Rock, AR 72201	Fred E. Henne Executive Secretary 501/371-3679	37 (bk.)	9	10	14
Arkansas Judicial Retirement System One State Capitol Mall Little Rock, AR 72201	Fred E. Henne Executive Director 501/371-3679	2 (bk.)	0	1.8	0
Arkansas Teacher Retirement System Educational Bldg. West, Capitol Mall Little Rock, AR 72204	Mavolene C. Booth Asst. Dir. of Investments 501/371-1517	875	293.7	333.3	23
Arkansas State Highway Employee Retirement System P.O. Box 2261 Little Rock, AR 72203	J.E. McCarthy Executive Secretary 501/569-2411	128.2	32.8	40.4	48.9
Public Employees' Retirement System of California 1416 Ninth Street Sacramento, CA 95814	Walton R. Williams Acting Chief of Investments 916/445-7700	21,895 (bk.)	5,182 (bk.)	1,796 (bk.)	6,683 (bk.)
Public Employees Retirement Association of Colorado 1300 Logan Street Denver, CO 80203	Robert Gray Administrative Aid to Exec. Sec. 303/832-9550	3,915	1,512	742	384

Mortgages ($ millions)	Other real estate ($ millions)	Cash and short-term securities ($ millions)	Other ($ millions)	Reporting date	Investment advisors
1,194 (bk.-gov't backed)		281 (bk.)	804 (bk.-private) 20 (bk.-GIC)	3/31/84	Internal administration: AmSouth Bank
263	56	52		3/31/84	Discretionary: James R. Wilson
161	39	25	Gold 21	3/31/84	Discretionary: James R. Wilson
none	none	25.1 (bk.)	none	5/1/84	Internal administration: Duff & Phelps Inc., Research
187.6 (gov't backed)	1.7	214.6	27.1	6/30/83	Discretionary: Berstein-Macaulay, Criterion, Fiduciary Trust Co. of N.Y., INVESCO Capital Mgmt., Kemper Financial Services, Gardner & Preston Moss, Valley National Bank, Wells Fargo Investment Advisors; Nondiscretionary: E.F. Hutton, Consulting Group, SEI Funds Evaluation Services
66 (gov't backed)	0	8	(Bank Capitol Notes) 2	3/31/84	Loomis, Sayles & Company
2 (gov't backed)	0	1	(Bank Capitol Notes) 1	3/31/84	Loomis, Sayles & Company
	0	.2		3/31/84	Loomis, Sayles & Company
28.4 (private) 35.5 (gov't backed)	none	146.9		3/31/84	Discretionary: Oppenheimer Capital Corp.
0	0	4.7	(Capitol Bank Notes) 750,000.00 (Savings & Loan Certificates) 320,000.00 (Promissory Notes & Certificates of Beneficial Ownership) 155,581.84	3/31/84	Internal Administration: Loomis, Sayles & Company
2,198 (bk.) 4,707 (bk.-gov't backed)	551 (bk.)	632 (bk.)	66 (Convertible Debentures) 16 (Remainderman Land Interest)	3/31/84	Internal Administration: Citicorp Investment Mgmt., Inc.; Bankers Trust Investment Counsel: F.I.A. Associates, Inc.
566	61	425	141 (private placement) 84 (GLC)	3/31/84	Internal Administration: Provident Nat'l Bank, Bankers Trust

Name and address of fund	Contact person and phone	Total assets ($ millions)	Common and preferred stock ($ millions)	U.S. gov't securities and agencies ($ millions)	Corporate bonds ($ millions)
Connecticut Retirement Funds 20 Trinity Street Hartford, CT 06115	Guy E. Garcia Asst. Invest. Officer 203/566-3705	2,765 (mkt.)	955 (mkt.)	437.8 (mkt.)	749.0 (mkt.)
Florida Retirement System 1230 Blountstown Highway Tallahassee, FL 32303	Andrea Zabinski Financial Services Acct. 904/488-4406	6,657 (bk.)	2,660 (bk.)	2,263 (bk.)	1,119 (bk.)
Georgia State Retirement Systems Two Northside 75 Atlanta, GA 30318	Graham R. Lynch Dir. of Invest. Services 404/652-2151	4,540	1,523	1616	1,194
State of Hawaii Employees' Retirement System 888 Mililani Street Suite 502 Honolulu, HI 96813	Stanley Siu Secretary 808/548-7593	2.1	539	528.8	201.3
Public Employee Retirement Systems of Idaho Statehouse Boise, ID 83720	W. F. Reese Deputy Dir.-Finance 208/334-3367	662 (mkt.)	287 (mkt.)	60 (mkt.)	70 (mkt.)
Teachers' Retirement System of the State of Illinois 2815 West Washington St. Springfield, IL 62708	Charles F. Hofer Investment Officer 217/753-0311	3,588 (mkt.)	1,303 (mkt.)	806 (mkt.)	317 (mkt.)
Illinois State Universities Retirement System 50 Gerty Drive Champaign, IL 61820	Charles M. Hundley Assoc. Dir. 217/333-3860	1,550	674	474	99
Public Employees' Retirement Fund of Indiana Suite 800, 143 W. Market St. Indianapolis, IN 46204	C. Philip Barnes Manager-Investment Dept. 317/232-1621	1,216	0	602	348
Indiana State Teachers Retirement Fund 506 State Office Bldg. Indianapolis, IN 46204	Edmond Niehoff Asst. Executive Secretary 317/232-3863	800	0	300	250
Iowa Peace Officers' Retirement System State Capital Des Moines, IA 50319	Roger Barnett Deputy Treasurer 515/281-5369	36	6	9	9
Iowa Public Employees' Retirement System 1000 E. Grand Des Moines, IA 50319	Larry Thompson Investment Accountant 515/281-5224	2,146	289	923	756

Mortgages ($ millions)	Other real estate ($ millions)	Cash and short-term securities ($ millions)	Other ($ millions)	Reporting date	Investment advisors
334.2 (mkt.-private) 260.2 (mkt.-gov't backed)	194.6 (mkt.)	272.0 (mkt.)		4/30/84	Internal Administration: Babson & Co.; Bernstein-Macaulay; CBT; CNB; Capital Guardian Trust Co.; CIGNA; Wright Investors; Scudder, Stevens & Clark; Lehman Mgmt.; Loomis & Sayles; Financial Mgmt.
none	340 (bk.)	275 (bk.)	none	3/31/84	Discretionary: Bankers Trust; Bear Stearns; Travelers Invest. Mgmt. Co.; Balch, Hardy & Scheinman; Equitable Life Ass. Soc.; Aetna Life Ins. Co.; First Nat'l Bank of Boston; John Hancock Mutual Life; First Nat'l Bank of Chicago; Prudential Ins. Co.
29 (private) 10 (gov't backed)	6	162		4/30/84	Internal Administration: Citizens and Southern Nat'l Bank; First Nat'l Bank of Atlanta; Trust Co. of Ga.; INVESCO Capital Mgmt.; Thorndike, Doran, Paine & Lewis
438 (private) 105 (gov't backed)	88.5	43.5	23.7 (International) 138.0 (GIC)	12/30/83	Bernstein-Macaulay, Inc.; Delaware Investment Advisors, Inc.; Eagle Mgmt. & Trust Co.; Fayez Sarofim & Co.; Lehman Mgmt. Co.; Loomis, Sayles & Co., Inc.; Pacific Investment Mgmt. Co.; Scudder. Stevens & Clark, Inc.; Security Pacific Investment Managers; Wentworth, Hauser & Viblich; Daiwa International Capital Mgmt. Corp.; Nomura Capital Mgmt., Inc.
52 (mkt.)	78 (mkt.)	77	19 (mkt.-private placements) 12 (mkt.-convertibles) 3 (mkt.-foreign bonds)	3/31/84	Discretionary: Alliance Capital Mgmt. Corp., First Interstate Bank (Boise), Equitable Life Ass. Soc., First Security Bank of Idaho, Idaho Bank & Trust Co., Idaho First Nat'l Bank, Prudential Ins. Co., Trident Investment Mgmt., Inc.
305 (mkt.-gov't backed)	20 (mkt.)	837 (mkt.)		3/31/84	Discretionary: Batterymarch Financial Mgmt.; CMB Investment Counselors; Criterion Investment Mgmt. Co.; Alliance Capital Mgmt. Co.; Dreyfus Mgmt. Inc.; Mackay-Shields Financial Corp.; Pacific Investment Mgmt. Co.; T. Rowe Price Assoc., Inc.; Springfield Marine Bank; Kemper Financial Services, Inc.
	14	273	16 (GIC)	3/31/84	Discretionary: Batterymarch Financial Mgmt., Alliance Capital, Fayez Sarofim, American Nat'l Bank, Dimensional Fund Advisors, Lehman Mgmt., Pacific Investment Mgmt. Co., Criterion Mgmt. Nondiscretionary: Ennis Knupp and Gold
80 (gov't backed)	0	262	4 (private placements)	3/31/84	Discretionary: American Fletcher National Bank; Indiana National Bank; Lehman Mgmt. Co., Inc.; T. Rowe Price Associates, Inc.
150 (gov't backed)	2	98		12/31/83	Discretionary: Alliance Capitol; American Fletcher National Bank; Indiana National Bank; Baxter & Hoops, Inc.; Indiana National Bank (custodian)
6 (gov't backed)	0	5		6/8/84	Discretionary: Loomis, Sayles & Co.
111 (gov't backed)	0	178		3/31/84	Discretionary: The Boston Co., Alliance Capital Management Corp., Capital Guardian Trust Co.; Nondiscretionary: Seven-Member Investment Advisory Board

Name and address of fund	Contact person and phone	Total assets ($ millions)	Common and preferred stock ($ millions)	U.S. gov't securities and agencies ($ millions)	Corporate bonds ($ millions)
Kansas Public Employees' Retirement System Jayhawk Tower-8th Floor 700 Jackson St. Topeka, KS 66603	Marshall Crowther Executive Secretary 913/232-6665	1,875.2	520.2	494.8	226.3
Kentucky Judicial Retirement Fund P.O. Box 791 Frankfort, KY 40602	Donna Stockton Secretary-Treasurer 502/564-5310	37.3	13.6	22.2	1.5
Kentucky Legislators Retirement Fund P.O. Box 791 Frankfort, KY 40602	Donna Stockton Secretary-Treasurer 502/564-5310	6.5	1.2	4.8	.5
Kentucky Retirement Systems 226 West Second St. Frankfort, KY 40601	Bobby J. Mckee Operations Manager 502/564-4646	1,218 Billion	369	289	205
Kentucky Teachers' Retirement System 216 West Main Frankfort, KY 40601	Stuart A. Reagan Investment Officer 502/564-2057	1,474 (bk.)	212	533	272
Louisiana School Employees' Retirement System P.O. Box 44516 Baton Rouge, LA 70804	J. Michael Dodds, III Secretary-Treasurer 504/925-6484	325	3.9	111	156.5
Louisiana State Employees' Retirement System P.O. Box 44213 Baton Rouge, LA 70804	Vernon L. Strickland Director 504/342-5098	1,291	62	550	341
Louisiana State Police Retirement System P.O. Box 66614 Baton Rouge, LA 70896	Richard J. Maciasz Manager 504/925-4878	15.7	0	6.7	5.1
Teacher's Retirement System of Louisiana P.O. Box 44123 Capital Station Baton Rouge, LA 70804	Jennifer Netterville Investment Portfolio Investment Specialist 504/925-6470	1,329.1 (bk.)	99.6	1,037.2	525.1
Maine State Retirement System State Office Bldg. Station #46 Augusta, ME 04333	William B. Ross Accountant III 207/289-3461	624.3 (bk.)	296.1 (bk.)	102.4	81.7
Michigan Municipal Employees' Retirement System P.O. Box 30026 Lansing, MI 48909	John W. Fonger Manager 517/373-9317	678	227		281
State of Michigan Retirement Systems Michigan Dept. of Treasury P.O. Box 15128 Lansing, MI 48901	William A. Amerman Dir. of Investments 517/373-3140	8,633.6	3,083.9	1,976.7	1,882.2
Minnesota State Board of Investment Rm. 105 55 Sherburne Ave. St. Paul, MN 55155	Mike Schmitt Administrative Director 612/297-2674	7,048	2807	947	1,052
Public Employees' Retirement System of Mississippi 1704 Walter Sillers Bldg. Jackson, MS 39201	James Mayfield Deputy Director 601/359-3589	1,811	198	887	317

Mortgages ($ millions)	Other real estate ($ millions)	Cash and short-term securities ($ millions)	Other ($ millions)	Reporting date	Investment advisors
66.6	9.9	543.2	14.1 (IRB)	3/31/84	Discretionary: Investment and Capital Mgmt. Corp.; Reiner & Koger Assoc., Inc.; Marine Midland Bank; Pilgrim Baxter, Hoyt & Greig; Provident Investment Counsel Inc.; Investment Mgmt. Group; Robert C. Brown & Co., Inc.; Pacific Investment Mgmt. Co.; Capital Supervisors, Inc.
none	none		none	3/31/84	Internal Administration: Investment Counsel
none	none		none	3/31/84	Internal Administration: Investment Counsel
195 (gov't backed)		160		3/31/84	Internal Administration
185 (gov't backed)	18	153	94 (U.S. Guaranteed) 255 thousand (State & Local gov't)	3/31/84	Internal Administration: Todd Investment Advisors, Alliance Capital Mgmt.
		40.9	12.7 (receivables)	6/30/83	Hibernia National Bank of New Orleans
29 (private)	1	308		4/30/84	Internal Administration: Hibernia Nat'l Bank Trust Department of New Orleans, La.; Security Pacific Investment Managers
	0	1.1	2.6 (GIC)	3/30/84	Internal Administration: Louisiana Nat'l Bank
		259.9	5.9 (C.D.'s)	12/31/83	Internal Administration: Scudder, Stevens & Clark; Massachuetts Financial Services; Hibernia Nat'l Bank of New Orleans; Citicorp Investment Management Service; M.D. Sass Investors Service
.2 (gov't backed)	31.9	102.3	9.7 (GIC)	3/31/84	Discretionary: Putnam Advisory, Alliance Capital, FLA Asset Management, Mass Financial Services, Merrill Trust, Maine Nat'l, Canal, Casco-Northern, Fidelity Management Trust, Morgan Guaranty, Travelers Insurance
5 (gov't backed)		87	78 (GIC)	3/31/84	Discretionary: American Capital Advisor, Inc.; The Boston Co.; Capital Supervisors, Inc.; Eaton & Howard; Vance Sanders, Inc.; Investment & Capital Mgmt., Corp.; Thorndike, Doran, Paine & Lewis; Nondiscretionary: Merrill Lynch
224.9 (private) 1,091.7 (gov't backed)	20.2	354.0		3/31/84	Internal Administration
246 (gov't backed)	99	1,876	21 (Resource funds)	12/31/83	Discretionary: 15 Equity Managers
3 (private) 197 (gov't backed)		209		3/31/84	Internal Administration: Discretionary

Name and address of fund	Contact person and phone	Total assets ($ millions)	Common and preferred stock ($ millions)	U.S. gov't securities and agencies ($ millions)	Corporate bonds ($ millions)
Missouri Local Gov't Employees Retirement System 1913 William St. Jefferson City, MO 65101	M. Steve Yoakum Asst. Executive Secretary 314/751-3666	260	59	98	41
Missouri State Employees' Retirement System P.O. Box 209 900 Leslie Blvd. Jefferson City, MO 65101	Gary Irwin Chief Accountant 314/751-2342	515.7 (bk.)	193.1 (bk.)	142.9 (bk.)	65.7 (bk.)
Non-Teacher School Employee Retirement System P.O. Box 268 Jefferson City, MO 65102	Dr. David Mustoe Executive Secretary 314/751-3414	134.1 (bk.)	14.5 (bk.)	13.7 (bk.)	81.2 (bk.)
The Public School Retirement System of Missouri P.O. Box 268 Jefferson City, MO 65102	David W. Mustoe Executive Secretary 314/751-3414	2,147.3	235.7	229.7	1,232.2
Nebraska School Retirement System Box 94696 Lincoln, NE 68509	Donald J. Mathes State Investment Officer 402/471-2043	258	45	80	77
New Hampshire Retirement System 169 Manchester St. Bldg. #3 Concord, NH 03301	Gerry Fleury Accountant IV 603/271-3351	498			5
Division of Investment State of New Jersey 349 West State Street Trenton, NJ 08540	Roland M. Machold Director 609/292-5106	9,032	2,986	1,724	2,471
New York State Common Retirement Fund A.E. Smith State Office Bldg. Albany, NY 12236	Suzanne Jaffe Deputy Comptroller 212/587-5026	19,745.1	5,830.5	5,454.3	3,133.0
New York State Teachers' Retirement System 143 Washington Ave. Albany, NY 12210	Edward J. Reno, Jr. Securities Investment Officer 518/477-2750	12,095.3	4,955.1 (mkt.)	2,562.7	2,549.8
North Carolina Retirement Systems 325 N. Salisbury St. Raleigh, NC 27611	C. Douglas Chappell Deputy Treasurer/ Director-Investment and Banking Div. 919/733-7273	7,496 (bk.)	1,563 (bk.)		5,801 (bk.)
North Dakota Public Employees Retirement System P.O. Box 1214 Bismarck, ND 58502	Dave Klemmer Deputy Dir. 701/224-2975	138.5	65.6	34.0	10.2
Ohio State Highway Patrol Retirement System 660 E. Main Street Columbus, OH 43205	Sgt. G.F. Steineman Secretary 614/466-4960	85.588 (Par)	9.867	16.186 (Par)	57.755 (Par)
Police and Firemen's Disability and Pension Fund of Ohio 230 E. Town St. Columbus, OH 43215	Richard F. Thompson Investment Manager 614/228-4076	1,432	300	301	343

Mortgages ($ millions)	Other real estate ($ millions)	Cash and short-term securities ($ millions)	Other ($ millions)	Reporting date	Investment advisors
48.4 (gov't backed)	none	9.5	4.1 (Foreign bonds)	3/30/84	Discretionary: Centerre Trust, Hoisington Investment Mgmt. Co., United Mo. Investment Counsel Service, Delaware Investment Advisors, INVESCO Capital Mgmt., Loomis, Sayles & Co.
2.2 (bk.-private) 8.6 (bk.-gov't backed)	6.8 (bk.)	96.4 (bk.)		3/30/84	Discretionary: AM CAL, Centerre Trust Co., Investors Research Corp., Waddell Reed Asset Mgmt. Co., Delaware Investment Advisors Inc., Alliance Capital Mgmt. Corp.
15.8 (bk.-gov't backed)		5.6 (bk.)		6/30/83	Discretionary: Boatmen's Nat'l Bank of St. Louis Trust Department
294.3 (gov't backed)	1.7	92.6	60.8 (Accrued income)	6/30/83	Boatman's National Bank
		56	4 (Equity Manager)	4/30/84	Internal Administration
10 (private)	8	79	396 (Equity & Fixed-Income Securities)	6/30/83	Discretionary: Irving Trust Co. Nondiscretionary Evaluation Associates
74 (private) 977 (gov't backed)	0	800		6/30/83	Internal Administration
3,005.6 (private) 922.3 (gov.t backed)		1,335.0	64.4 (Venture Capital)	3/31/84	Nondiscretionary: Alliance Capital, The Bank of New York, Favia Hill & Associates, Lazard Freres & Co., Oppenheimer Capital, L.F. Rothschild Asset Mgmt., Shearson/American Express, J. & W. Seligman, U.S. Trust Co.
756.3 (private) 728.9 (gov't backed)	18.3	139.0	10.0 (Venture Capital) 138.9 (Member Loans) 236.3 (Other Assets)	3/31/84	Discretionary: Sanford, Bernstein & Lehman Mgmt., Nondiscretionary: Manufacturers Hanover Investment Corp.
		132 (bk.)		3/31/84	Internal Administration: Bonds-credit analysis only; Duff & Phelps Inc.; Alliance Capital Mgmt.; First Citizens Bank & Trust; First Union Nat'l Bank; Thorndike, Doran, Paine & Lewis; Wachovia Bank and Trust; North Carolina Nat'l Bank
		28.7		5/31/84	Wall, Patterson, McGrew & Hamilton; Sanford C. Bernstein Investment Advisors, Inc.; Wentworth Hauser & Violech; Robert C. Brown; Bank of N.D.
1.400 (Par, gov't backed)	0	.380		5/31/84	Discretionary: G.F. Steineman; Nondiscretionary: Duff & Phelps Investment Mgmt. Co.
136 (gov't backed)		293	57 (Canadian bonds) 2 (Venture Capital)	12/31/83	Value Line Asset Mgmt., Travelers Investment Mgmt., Duff & Phelps Investment Mgmt., Central Nat'l Bank of Cleveland

Name and address of fund	Contact person and phone	Total assets ($ millions)	Common and preferred stock ($ millions)	U.S. gov't securities and agencies ($ millions)	Corporate bonds ($ millions)
School Employees Retirement System of Ohio 45 North Fourth St. Columbus, OH 43215	R. Jack Cooper Assistant Director/ Investment Officer 614/221-7012	1,380.7 (par)	320.0 (bk.)	124.4 (Par)	335.7 (Par)
The State Teachers' Retirement System of Ohio 275 E. Broad St. Columbus, OH 43215	Stephen A. Mitchell Director of Investments 614/227-4003	7,861 (bk.)	2,240 (bk.)	1,715 (bk.)	560 (bk.)
Teachers' Retirement System of Oklahoma P.O. Box 53524 Oklahoma City, OK 73152	Jo Witt Investment Officer 405/521-2387	1,113 (bk.)	136 (bk.)	408 (bk.)	399 (bk.)
Pennsylvania Municipal Retirement System P.O. Box 1165 Harrisburg, PA 17108	Robert C. Rossman Secretary 717/787-2065	105	44	21	15
Pennsylvania State Employees' Retirement System 204 Labor & Industry Bldg. Harrisburg, PA 17120	David D. Burnett Investment Analyst 717/787-9008	4,206.5 (mkt.)	1,571.0 (mkt.)	687.3 (mkt.)	244.4 (mkt.)
Employees' Retirement System of Texas P.O. Box 13207 Austin, TX 78711	John B. Randolph Director of Investments 512/476-6431	2,545.5	523.7	1,006.7	841.9
Teacher Retirement System of Texas 1001 Trinity St. Austin, TX 78701	Clark Manning Investment Officer 512/397-6460	9,142	2,814	1,543	2,360
Utah State Retirement Systems 540 East 200 South SLC, Utah 84102	W. Dan Smith Investment Officer 801/355-3884	1,769	533	677	164
Vermont State Retirement System 133 State St. Montpelier, VT 05602	Edwin C. Gallison Deputy State Treasurer 802/828-2305	112.4 (bk.)	91.9	5.5	41.8
State Teachers' Retirement System of Vermont 133 State St. Montpelier, VT 05602	Edwin C. Gallison Deputy State Treasurer 802/828-2305	133.6 (bk.)	54.9		23.8
Wisconsin Investment Board 201 E. Washington Ave. Madison, WI 53705	Patricia Lipton Executive Assistant 603/266-9451	9,755.2	3,629.1	1,655.6 (private) 2,851.6 (public bonds)	
Wyoming Retirement System 3rd Floor-Barrett Bldg. Cheyenne, WY 82001	Jeff Gardner Deputy Director 307/777-7691	546.4	None	319.6	178.9

Mortgages ($ millions)	Other real estate ($ millions)	Cash and short-term securities ($ millions)	Other ($ millions)	Reporting date	Investment advisors
16.8 (par-private) 306.9 (par-gov't backed)	146.6 (par)	130.3		3/31/84	Internal Administration: Bankers Trust Co.
978 (bk.-gov't backed)	1,172 (bk.)	1,081 (bk.)	6 (Venture Capital) 26 (Miscellaneous bonds) 137 (Canadian bonds)	3/31/84	Internal Administration: Thorndike, Doran, Paine & Lewis
17 (bk.-private) 34 (bk.-gov't backed)		181		3/31/84	Discretionary: Liberty Nat'l Bank & Trust Co.; Tom Johnson Investment Mgmt., Inc., Okla. City; Bank of Oklahoma
	17	8		4/30/84	Fidelity Bank; Marine Bank; Minton/Newbold Capital Mgmt., Inc.; Pittsburg Nat'l Bank; Connecticut General Real Estate; Prudential Property Investment; Merrill Lynch Asset Mgmt., Inc.
270.3 (mkt.-private) 179.7 (mkt.-gov't backed)	170.8 (mkt.)	1,083.0		3/31/84	Discretionary: Mellon Bank, N.A.; Wells Fargo Investment Advisors; Fred Alger Mgmt., Inc.; Alliance Capital Mgmt. Corp.; Trustee & Investors Co., Inc.; Barrow, Hanley, Mewhinney & Strauss, Inc.; Glickenhaus & Co.; Trinity Investment Mgmt. Corp.; The Philadelphia Saving Fund Society; Miller Anderson & Sherrerd. Nondiscretionary: Karp Associates, Inc.; SEI Funds Evaluation Services; Huggins & Co., Inc.; First Pennsylvania Bank
150.5 (gov't backed)	22.7			2/29/84	Internal Administration: INVESCO-Equities, Duff & Phelps - Fixed Income
440 (private) 1,382 (gov't backed)	254	445		3/31/84	Internal Administration: Thorndike, Doran, Paine & Lewis
64 (private) 24 (gov't backed)	121	186		4/30/84	Smoot, Knoche; Value Line; Wasatch Advisors; Capital Consultants; Atlanta/Sosnoff; F.I.A. Assocs.
7.0 (private) .7 (gov't backed)		13.2	12.8 (GIC)	6/30/83	Discretionary: Brundage Story & Rose; Loomis, Sayles & Co.; Delaware Investment Advisors; Rampart Investment Mgmt., Inc.
10 (private) 3.6 (gov't held)		10.7	30.6 (GIC)	6/30/83	Discretionary: Delaware Investment Advisors, Putnam Advisory, Rampart Investment Mgmt.
175.5	10.9	1,399.7		3/31/84	Internal Administration
23.6 (gov't held)		24.3		2/2/84	Discretionary: Alliance Capital Mgmt., Corp.; Lehman Mgmt., Inc.; Wyoming Nat'l Bank